

SAMARYANOV, M.

Plant's potentials and the financial department. Fin. SSSR 37
no.11:47-50 N'63. (MIRA 17:2)

1. Nachal'nik planovogo otdela Moskovskogo zavoda "Serp i molot."

KAS'YANOV, A.N.; BURDOV, A.; PODKOPAYEV, V.M.; KOTENKO, B.;
SAMARYANOV, M.B.

In the Soviet Union. Veterinaria 39 no.10:92-96 0.62.
(MIRA 16:6)

(Veterinary medicine)

SAMARYANOV, M.M., преподаvatel'; POPOV, I.A., red.; KHUTORSKAYA, Ye.S.,
red.izd-vs; MIKHAYLOVA, V.V., tekhn.red.

[Analysis of economic activity; program, practical instructions
and test assignments for correspondence students in schools of
ferrous metallurgy with a major in "Planning for enterprises of
the metallurgical and chemical industry."] Analiz khoziaistvennoi
deiatel'nosti; programma, metodicheskie ukazaniia i kontrol'nye
zadaniia dlia uchashchikhsia zaobnykh otdelenii tekhnikumov
chernoi metallurgii po spetsial'nosti "Planirovanie na predpri-
iatiakh metallurgicheskoi i khimicheskoi promyshlennosti."
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi
metallurgii, 1955. 27 p. (MIRA 12:3)

1. Russia (1923- U.S.S.R.) Upravleniye uchebnykh zavedeniy.
2. Moskovskiy metallurgicheskiiy tekhnikum (for Samaryanov).
(Industrial management)

137-58-4-7085

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 112 (USSR)

AUTHORS: Kuznetsova, V. Ya., Samaryanov, M. M.

TITLE: Determining the "Difficulty Factor" for the 250 Mill in the "Hammer and Sickle" Plant Section-rolling Department (Opredeleeniye koeffitsiyenta trudnosti dlya stana 250 serio-prokatnogo tsekha zavoda "Serp i molot")

PERIODICAL: Sb. tr. Mosk. vech. metallurg. in-t, 1957, Nr 2, pp 149-155

ABSTRACT: The calculated weighted mean output, arrived at with allowance for output of good products, is used to determine a "difficulty factor" in rolling various shapes of metal. Factors affecting the output of a mill are examined. From the investigations performed it is concluded that the difficulty factor used in this shop for the 250 mill is excessive.

Yu. F.

1. Rolling mills--Production--Factors

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PHASE I BOOK EXPLOITATION SOV/3727

Rasshireniye vozmozhnostey primeneniya plastmass v konstruktivnykh mashin (Widening the Possibilities for Using Plastics in Machinery Components) Moscow, Mashgiz, 1959. 183 p. 8,000 copies printed.

Reviewers: M.V. Popov, Engineer, and P.Z. Petukhov, Doctor of Technical Sciences; Ed.: N.I. Suslov, Engineer; Tech. Eds.: N.A. Dushina and A.P. Uvarova; Exec. Ed. (Ural-Siberian Division, Mashgiz): I.N. Somova, Engineer.

PURPOSE: The book is intended for engineers and scientists engaged in the study and manufacture of plastics and plastic machine parts.

COVERAGE: The chapters of this book were written by different authors indicated in parentheses after each chapter in the table of contents. The chapter on the use of plastics in non-Soviet countries includes data on the Skoda Works in Czechoslovakia. A number of Soviet manufacturing establishments are mentioned. Equipment using plastic parts is described and evaluated. Considerable attention is paid to nonferrous and chemical enterprises, as well as to the problem of substituting plastics for critical materials in types of equipment subjected to wear or to corrosive, abrasive and chemical influences. Names of designations, properties and uses of a number of Soviet plastics materials are given. It is thus a survey of modern Soviet plastic materials grouped according to their specific application in industry. The authors rely heavily upon the experience of Ural plants, especially those relying in electrical apparatus, automotive equipment, and measuring instruments. No personalities are mentioned. There are 37 references: 31 Soviet, and 5 German.

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Ch. II. Parts Made of Plastics (A.Ya. Bayer, V.K. Solov'yeva, V.M. Zhuravlyov, V.S. Bankovskaya, and N.P. Mal'nikov)

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19. 63 (77)

S/028/60/000/010/010/020
B013/B063AUTHORS: Sokolovskiy, P. I., Samaryanova, A. M., Sabiyev, M. P.,
Timofeyev, D. I. ¹⁶TITLE: Heat Treatment of Low Carbon Steel ¹⁸

PERIODICAL: Standartizatsiya, 1960, No. 10, pp. 41-44

TEXT: The experience gained in a number of metallurgical works in the heat treatment of rimming and semi-quiet steel of the type CT.3 (St.3) is described. These experiments as well as extensive scientific work were necessary for the elaboration of ГОСТ 9458-60 (GOST 9458-60). The properties of the steel plate of type St.3 subjected to heat treatment were studied by the TsNII chernoy metallurgii (Central Scientific Research Institute of Ferrous Metallurgy), TsNII stroitel'nykh konstruktsiy (TsNII for Structures) and the GPI Proyektstal'konstruktsiya at the Novo-Tagil'skiy zavod (Novo-Tagil'skiy Works). A strongly inhomogeneous structure was observed. Positive results were obtained with the heat treatment of semi-quiet steel of type St.3 made by the TsNII for structures at the zavod im. Il'icha (Works imeni Il'ich): structure and properties were

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Heat Treatment of Low Carbon Steel

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homogeneous at different points of the plates. At present, the semi-quiet steel of the types St. 3 and St. 3^{1/2} is studied at the Ukrainskiy institut metallov (Ukrainian Metal Institute) in collaboration with the TsNII for structures. Specimens of semi-quiet steel of type St. 3 will be subjected to heat treatment at the Alchevskiy zavod (Alchevskiy Works). At the Novo-Tagil'skiy works Martin steel sheets produced from rimming steel of type St. 3 with 0.14 and 0.19% carbon content, and at the works imeni Il'ich, steel sheet produced from rimming and semi-quiet steel of the type St. 3 with 0.14 and 0.21% carbon content as well as H- and U-iron No. 30 produced from rimming St. 3 steel were subjected to heat treatment. Better results were obtained in the works mentioned last. On the basis of the experiments conducted at various works the main parameters for the conditions of heat treatment could be determined. The studies of mechanical properties of steel subjected to heat treatment (Table) show that on tempering carbonsteel plates of type St. 3 sufficient homogeneity is obtained. Thicker plates have more uniform mechanical properties with good plastic properties being obtained at high strength. In spite of the good results obtained heat treatment is still imperfect since the values of the relative increase in length are frequently below the standard

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Heat Treatment of Low Carbon Steel

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ГОСТ 9458-60 (GOST 9458-60). Hence, further experimental data are necessary. Cold brittleness and mechanical aging of carbon steel which were observed in an experimental series are lower than in low-alloy steels. In the case of thin cuts the St. 3 steel subjected to heat treatment may replace low-alloy steels with a yield point of 30 kp/mm². The use of carbonsteel subjected to heat treatment proved to be favorable also from the economic point of view. The experience gained at the Alchevskiy works in the heat treatment of steel boiler plates showed that the strength of carbon steel subjected to heat treatment attains the strength of some hot-rolled low-alloy steels. On the basis of a large number of experimental data collected in the works the GOST 9458-60 standards for the mechanical properties must be specified more exactly. There is 1 table. ✓

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SOKOLOVSKIY, P. I.; SAMARYANOVA, A. M.; SABIYEV, M. P.; TIMOFYEV, D. I.

Heat treatment of low-carbon steel. Standartizatsiya 24 no.10:41-
44 0 '60. (MIRA 13:10)

(Steel--Heat treatment)

SOKOLOVSKIY, P.I.; ARONE, R.G.; SUKHOMLINA, A.P.; SAMARYANOVA, A.M.

Thermally strengthened low-alloy grade 09G2 and 14G2 steel for
metal elements. Prom.stroi. 40 no.11:58-61 '62.

(MIRA 15:12)

(Steel, Structural)

SOV/86-59-1-20/39

AUTHOR: Samarzhayan, Sh.S., Sen Lt

TITLE: Checking Bombing Results by Photography Using the Flak Evasive Maneuver (Fotokontrol' rezul'tata bombardirovochnogo udara s primeneniym protivozenitnogo manevra)

PERIODICAL: Vestnik vozdushnogo flota, 1959, Nr 1, pp 45-53 (USSR)

ABSTRACT: The author describes in detail two methods of checking bombing results with photography during the execution of a flak evasive maneuver. In the first method, the bomber, after the release of the bombs, executes a flak evasive maneuver by making a turn which sets it on a heading perpendicular to the direction of the bomb run line so that the target area can be photographed during the explosion. In the second method, the bomber makes two turns off the bomb run during the fall of the

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SOV/86-59-1-20/39

Checking Bombing Results (Cont.)

bomb, and then proceeds to fly straight, prior to the instant of the bomb burst. According to the author, a flak evasive maneuver properly executed using the above mentioned methods makes it possible to drop bombs with precision, to photograph the bombing results, and to lower to a considerable degree the effectiveness of the enemy antiaircraft fire. There are nine diagrams.

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SAMATOV, A.

LEONIDOV, G.E.; DMITRIY, P.P.; OSIPOVA, M.I.; GRENKO, M.F.;
BRACU, A.E.; RAYTAKHOV, D.; SAMATOV, A.; SAMONOVA, E.M.

Petroleum from Shartou fields. *Uzb. khim. zhurn.* no. 1:71-77 '59.
(NIMA 1216)

1. Institut Khimii AN U.S.S.R.
(Pergamon-Petroleum-Analysis)

KAV'YAROV, I.S.; POZIN, B.M.; SAMATOV, Yu.P.

Standardization of wheeled and crawler industrial tractors. Trakt. i
sel'khoz mash. no.7:3-5 J1 '65. (MIRA 18:7)

1. Chelyabinskiy traktornyy zavod.

SAMATOV, V. A.,

"Technological Advances in Ural Industries During the Fourth Five Year Plan (1946-50)," Sotsialisticheskoye stroitel'stvo na Urale; sbornik statey (Socialist Construction in the Ural Industrial Area; Collection of Articles) [Sverdlovsk] Sverdlovskoye knizhnoye izd-vo, 1957. 345 p.

Ed. (front of book): ZUYKOV, V. N., Candidate of Historical Sciences; Ed. (back of book): GETLING, Yu.; Tech. Ed.: PAL'MINA, N.

PURPOSE: This collection of articles is intended for the general reader.

COVERAGE: The collection contains reports on the economic growth of the Ural Industrial Area, including the development of farming. Particular attention is given to the role played by this region during the 2nd World War. Relatively little space is devoted to the current Five Year Plan. There are 20 photographs in the text, some of which show industrial objects.

SAMBATZADE, A.S.

On the history of the silk spinning industry in Azerbaijan in
the nineteenth century. Izv. AN Azerb.SSR. no.9:89-115 S '55.
(Azerbaijan--Silk manufacture) (MIRA 9:1)

SAMBEK, L.; SHAYROV, Ya.

Sensational discovery or advertising? Tekh.mol. 28 no.5:32 '60.
(MIRA 13:7)
(Gas and oil engines)

SAMBNK, L.S.

VNIIMIe surgical electrical suction pump (surgical aspirator).
Med. prom. 11 no.2:55 F '57 (MLRA 10:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskogo
instrumentariya i oborudovaniya.
(ASPIRATORS)

SAMBEK, L.S.

Electric breast pump. Med.prom.SSSR 12 no.5:56-57 My '58.
(MIRA 11:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskogo
instrumentariya i oborudovaniya.
(BREAST PUMP)

SAMBELOVA, S.A.

USSR/Virology. Viruses of Man and Animals.

E-3

Abs Jour: Ref. Zh.-Biol., No 9, 1957, 35438

Author : Zalmanson, E.S., Sambelova, S.A.

Inst :

Title : On the Problem of the Disease Psittacosis Among Humans

Orig Pub: Zh. mikrobiol., epidemiol., i immunobiologii, 1956, No 7,
52-55

Abstract: In May 1954, 9 cases of pneumonia and three cases of influenza were recorded among the employees of the ornithological section of the Moscow zoo. A plague of parrots preceded this outbreak and 6 birds died in 2½ mos, from 2 of which the psittacosis virus was isolated. A virological examination was made of 12 employees of the parrot section (5 healthy and 7 sick) with the purpose of confirming the diagnosis of psittacosis; an intracutaneous test along with the diagnosis showed positive in two of the sick cases

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USSR/Virology. Viruses of Man and Animals.

E-3

Abs Jour: Ref. Zh.-Biol., No 9, 1957, 35438

and one of the healthy; weakly positive in two of the sick cases; and negative in 2 sick cases and 4 healthy. In complement fixation test (RSK) of the blood serum of the 7 sick persons and 1 healthy employee having a positive intracutaneous test, all showed positive (among these cases there were two sick with negative skin tests). In a subsequent serological test of the healthy parrots of the zoo's cages, in 18 cases the presence of antibodies in a high titration to the psittacosis virus was established, in connection with which special measures were developed for the quarantine of parrots arriving in the zoo, and the prohibition of their sale.

Card : 2/2

-14-

BABKIN, G.N.; SAMBETOV, Sh.S.

Mechanism of the formation of dispersed cobalt deposits on a mercury cathode with alkaline earth chlorides as the support.
Izv.vys.ucheb.zav.; khim. i khim. tekhn. 7 no. 1:95-100 '64.
(MIRA 17:5)

1. Kazakhskiy tekhnologicheskii institut, kafedra analiticheskoy khimii.

SAMBIKIN, Lev Boleslavovich; TARASOVA, K.V., red.; YEGOROVA, V.F.,
tekh. red.

[Physical education in a school for the blind] Fizicheskoe
vospitanie v shkole slepykh. Moskva, Prosveshchenie, 1964.
149 p. (MIRA 17:4)

*

SAMBIKIN, M.M.

Organization of geography clubs for secondary school pupils.
Geog. v shkole 18 no.3:51-53 My-Je '55. (MIRA 8:9)
(Science--Study and teaching)

VITKEVICH, V.I.; SAMBIKIN, M.M., prof., rezensent; CHUBUKOV, L.A.,
prof., rezensent; GRIGOR'YEVA, A.I., red.; SOKOLOVA, N.N.,
tekh. red.

[Practical work in agricultural meteorology] Prakticheskie za-
natiia po sel'skokhoziaistvennoi meteorologii. 2., perer. i
dop. izd. Moskva, Sel'khozizdat, 1962. 318 p. (MIRA 15:9)
(Meteorology, Agricultural)

VITKEVICH, V.I.; SAMBIKIN, M.M., prof., rezensent; CHUBUKOV, L.A., prof.,
rezensent; GRIGOR'YEVA, A.I., red.; SOKOLOVA, N.N., tekhn. red.

[Practical work in agricultural meteorology] Prakticheskie
zaniatiia po sel'skokhoziaistvennoi meteorologii. 2., perer.
i dop. izd. Moskva, Sel'khozizdat, 1962. 319 p. (MIRA 16:6)
(Meteorology, Agricultural)

SAMBIKINA, G.N., aspirant

Some data on the use of bellows in prostheses of the upper
extremities. Protez. i protezostr. no.10:64-67 '64.

Unit for the testing of hydrotransmission. Ibid.:68-70
(MIRA 18:12)

1. Tsentral'nyy nauchno-issledovatel'skiy institut
protezirovaniya i protezostroyeniya.

SAMBOAN, G.

"The product integral."

p. 241 (Buletin Stiintific. Sectia De Stiinte Matematice Si Fizjce)
Vol. 9, no. 2, 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 1,
April 1958

SAMBOAN, G.; THEODORESCU, R.

Measure algebras. Comunicarile AR 11 no.12:1439-1441 D '61.

1. Comunicare prezentata de G. Mihoc, membru corespondent
al Academiei R.P.R.

SAMBOAN, G.

Vectorial measures. Rev math pures 7 no.3:383-415 '62.

SAMBOLIC, B. (Zagreb)

Problems of the aging of photographic materials. Kem ind 10
no.7:Suppl.F-65-F-71 J1 '61.

SAMBOLIC, Branka

"Examination of the mechanism of maturing of photographic emulsions"
by K.V.Cibisov, A. A.Titov, and A.A.Mihajlov. Reviewed by Branka
Sambolic. Kem ind 9 no.9:F-73--F-77 S '60.

SAMBOLIC, B.

"Capillary dosimeter for the synthesis of nuclear emulsions" by
O.P.Grigor'ev and L.I.Shur. Reviewed by B. Sambolic. Kem ind 9
no.12:F-98--F-99 D '60.

CIBISOV, K.V.; SAMBOLIC, Branka [translator]

Methods of increasing effective sensitiveness in photographic systems. *Kemija u industriji* 11 no.2:60-63 '62.

SAMBOLIC, B.

"Anticometic effect and structure of wetting agents" by S.H. Levi
and O.K. Smirnov. Reviewed by B. Sambolic. Kem ind 12 no.2:8I-
82 Fe '63.

SAMBORSKAYA, Ye. P.

"Secretory Absorptive and Motor Functions of the Gastrointestinal Tract During Certain Parasitic Poisonings." Cand Biol Sci, Odessa Agricultural Inst, Odessa, 1953. (RZhBiol, No 5, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

SAMBORSKAYA, Ya. P.; MEDVEDEV, B.M.

Effect of antithyroid substances on absorption. Fiziol.zhur. [Ukr.]
2 no.5:113-117 S-0 '56. (MIRA 10:1)

1. Odes'kiy sil's'kogospodars'kiy institut, kafedra fiziologii ta
Kiivs'kiy institut fizichnoi kul'turi, kafedra fiziologii.
(ABSORPTION (PHYSIOLOGY)) (URACIL)

SAMBORSKAYA, Ye.P.

Effect of extracts of certain helminths on the absorption of glucose
in the intestine. Med.paraz. i paraz.bol.supplement to no.1:71 '57.
(MIRA 11:1)

1. Iz laboratorii patologicheskoy fiziologii Odesskogo sel'sko-
khozyaystvennogo instituta.
(SUGAR IN THE BODY)
(WORMS, INTESTINAL AND PARASITIC)

SAMBORSKAYA, Ye.P., dots.; SHCHERBAN', O.N.

Use of vitamin B₁₂ in orthopedic and traumatological clinics. Ortop.
travm. i protez. 20 no.1:79-80 Ja '59. (MIRA 12:3)

1. Iz laboratorii patofiziologii (zav. - dots. Ye. P. Samborskaya)
Ukrainskogo tsentral'nogo nauchno-issledovatel'skogo instituta orto-
petii i travmatologii (ispolnyayushchiy obyazannosti dir. - N.N.
Musiyyenko).

(WOUNDS--TREATMENT)
(CYANOCOBALAMINE)

SAMBORSKAYA, Ye.P., dotsent

Effect of palmitic acid ketones on function of the endocrine organs.
Akush.i gin. 35 no.6:25-27 N-D '59. (MIRA 13:4)

1. Iz Instituta okhrany materinstva i detstva Ministerstva zdra-
vookhraneniya USSR (direktor - dotsent A.G. Pan, nauchnyy ruko-
voditel' laboratorii po izyskaniyu i izucheniyu protivozachatoch-
nykh sredstv prof. Ye.P. Shamray).

(FATTY ACIDS pharmacol.)

(ENDOCRINE GLANDS pharmacol.)

МАТРОСОВА, Ye. P.

Effect of large doses of ascorbic acid on the course of pregnancy
and offsprings of guinea pigs. Biul. eksp. biol. i med. 57 no.4:
105-108 Ap '64. (MIRA 1963)

I. Institut ordinary maternitstva i detstva Iment Bayko (dir. A. G.
Pav), Kiev. Submitted April 18, 1963.

SAMBORSKAYA, Z.I.

GANZBURG, S.Ye.; BRAININA, R.A.; BOBAKOVA, M.I.; SAMBORSKAYA, Z.I.
IRTLACH-MUMOVA, B.I.; LOBKO, M.A.

Epidemiological study on possible shortening of the isolation period
in epidemic parotitis. Zhur. mikrobiol. epid. i immun. 28
no.2:38-39 F '57 (MLRA 10:4)

1. Iz Moskovskoy gorodskoy sanitarno-epidemiologicheskoy stantsii.
(MUMPS epidemiol. shortening of isolation period)

SAMBORSKI, Z.

Welding at the Breslau Exhibiton of Inventions and Technilological Progress, p. 281.
(PRZEGLAD SPAWALNICTWA, Warszawa, Vol. 6, no. 12, Dec. 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. ⁶~~1~~, Jan. 1955,
Uncl.

SAMBORSKI, Z.

Welding at the 26th International Fair in Poznan. p. 273.

PRZEGLAD SPAWALNICTWA. (Stowarzyszenie Inzynierow i Technikow Mechanikow
Polskich i Instytut Spawalnictwa) Warszawa, Poland, Vol. 7, no. 12, Dec. 1955.

Monthly list of East European Accessions (EEAI) IC, Vol. 9, no. 1, Jan. 1960.

Uncl.

POLAND/Diseases of Farm Animals - Diseases Caused by Protozoa. R-3

Abs Jour : Ref Zhur - Biol., No 10, 1958, 45442

Author : Senze, A., ~~Samborski, Z.~~, Borkowski, B.

Inst : -

Title : A Method for the Treatment of Trichomoniasis in Bulls.

Orig Pub : Med. weteryn., 1957, 13, No 6, 335-336.

Abstract : No abstract.

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APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920012-2"

MARCINKOWSKI, Karol; RAULUSZKIEWICZ, Stanislaw; SAMBORSKI, Zbigniew; SENZE, Alfred, prof. dr.; STEHLIK, Zdzislaw

The effect of phenactile upon the inhibition of sexual desire in cows. Zeszyty problemowe post nauk roln no.31:45-49 '61.

1. Katedra Poloznictwa, Wydzial Weterynaryjny, Wyzsza Szkola Rolnicza, Wroclaw. Kierownik: prof. dr. A. Senze

SAMBORSKIY, A.; SEL'SKIY, A.

Training area. Prof.-tekh. obr. 21 no.2:15-16 F '64.

Interesting visual aids. Ibid.:16.

(MIRA 17:9)

1. Zamestitel' nachal'nika Donetskogo oblastnogo upravleniya professional'no tekhnicheskogo obrazovaniya (for Samborskiy).

SAMBORSKIY, A.; SEL'SKIY, A.

Practical work of repairmen; determining the defectiveness of
mining machinery. Prof.-tekh. obr. 22 no.1:8-9 Ja '65. (MIRA 18:4)

ZASTROZHNOVA, N.; SAMBORSKIY, G.

Useful encyclopedia. Vop. ekon. no.6:140-143 Ja '63. (MIRA 16:6)
(Russia--Industries--Dictionaries)
(Construction industry--Dictionaries)

SOV/122-58-11-3/18

AUTHOR: Samborskiy, G.I., Candidate of Economic Sciences.
Lecturer

TITLE: The Economic Problem of Overall Automation of
Production in Mechanical Engineering Manufacture
(Ekonomicheskiye voprosy kompleksnoy avtomatizatsii
produktstva v mashinostroyenii)

PERIODICAL: Vestnik Mashinostroyeniya, 1958, Nr 11, pp 11-15 (USSR)

ABSTRACT: The cost of manufacture by automatic production lines
is often determined mainly by the capital investment.
Repeat production lines are appreciably cheaper. The
second electric motor shaft production line made by
ENIMS was 30% cheaper than the first. The cylinder
head line for the Krasnodar Works "Oktyabr" was 22%
cheaper than similar lines for the Khar'kov tractor
works (KhTZ) and the Stalingrad Tractor Works (STZ),
whilst the output of the new line is 66% higher.
Preliminary estimates of the ministries indicate, for
example, a cost of 31 million roubles for 20 automatic
production lines in machine tool manufacture, although
the investment pays off within 6-24 months. The
production of standard units is advocated. An agreed

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SOV/122-58-11-3/18

The Economic Problem of Overall Automation of Production in
Mechanical Engineering Manufacture

method for judging the economic effectiveness of automation does not yet exist. The capital cost must include factors subject to judgment such as the prospect of repeating the production line and the absorption of development expenditure. The method of estimating proposed in the paper is mainly concerned with the manufacturing costs of the articles produced by the line. The cost of one hour's work of the production line consists of wages, amortisation and tool replacements which are determined directly. To these are added repair and servicing costs, power costs, wear and tear together with maintenance of the buildings, the cost of lighting and heating and other shop costs. Formulae are given for each of the nine posts, which introduce the utilisation factors of the production line. The unit cost in automated production is compared with the cost of production by the method it replaces. The annual saving is compared with the first cost and, generally, the automatic production line pays off in 0.5 - 3 years. If the period exceeds

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SOV/122-58-11-3/18

The Economic Problem of Overall Automation of Production in Mechanical Engineering Manufacture

five years the automatic production line is not worth while. The utilisation factor amounts to between 0.5 - 0.8. A graph shows the production cost of the cylinder block of the M-20 engine plotted against the daily output. At 300 blocks per day a typical figure is 4 roubles per block in 3 shift working, 3.5 roubles in 2 shift working and 6 roubles in single shift working. The example of the automatic production line designated A443-A448 for machining cylinder blocks yields an annual economy of 514,000 roubles by the method of this paper, 1,821,000 roubles by the overhead computation method, 139,000 roubles by the method of comparing the wages saved with the total amortisation and 310,000 roubles by the method of evaluating the saving due to the release of live labour. A general discussion suggests preliminary criteria for the suitability of conversion to automatic manufacture. The saving in total labour in the community should be

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Ca.

SAMBORSKIY, G.I.

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PHASE I BOOK EXPLOITATION

SOV/3107

Satel', Eduard Adamovich, Viktor Aleksandrovich Letenko, Georgiy Anatoliyevich Bryanskiy, and Georgiy Ivanovich Samborskiy

Osnovy tekhnicheskoy podgotovki proizvodstva i organizatsiya truda
(Fundamentals of Industrial Engineering) Moscow, Mashgiz, 1959.
330 p. 15,000 copies printed.

Ed.: E. A. Satel', Doctor of Technical Sciences, Professor; Re-
viewers: Department of Organization and Planning for the Machine-
building Industry, Moscow Automotive Engineering Institute;
N. A. Orlov, Professor; I. L. Frumin, Engineer, Economist;
N. A. Stel'makhovich, Candidate of Technical Sciences;
A. V. Belyayev, Engineer, Economist; Ed.: A. R. Sochinskiy,
Engineer; Ed. of Publishing House: A. A. Salyanskiy; Tech. Ed.:
V. D. El'kind; Managing Ed. for Literature on the Economics and
Organization of Production: T. D. Saksaganskiy, Engineer.

PURPOSE: This textbook is intended for students at institutes of
engineering economics and schools of higher technical education.

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Fundamentals of Industrial (Cont.)

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COVERAGE: The book deals with product designing, production planning, estimation of production capacity, work organization, and wages at machinery-manufacturing plants. It is one of a series of six textbooks issued by the Moskovskiy inzhenerno-ekonomicheskiy institut imeni Ordzhonikidze (Moscow Institute of Engineering Economics imeni Ordzhonikidze) for the course, Organization and Planning of Machinery-manufacturing Plants. No personalities are mentioned. References follow each part.

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Preface

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PRINCIPLES OF PRODUCTION PLANNING

PART I. INDUSTRIAL PLANNING OF A MACHINE-BUILDING PLANT AND ORGANIZING FOR PRODUCTION PLANNING

Ch. I. Principles of the Industrial Planning of a Plant

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Card ~~2/7~~

SAMBORSKIY, G. I.

28(5)

SOV/28-59-12-2/27

AUTHOR: None given

TITLE: Seminar "The Normalization¹⁴ and Specialization on
Parts in Machine-Building".¹⁴

PERIODICAL: Standartizatsiya, 1959, Nr 12, pp 7-15 (USSR)

ABSTRACT: The seminar was organized by the Moskovskiy dom nauchno-tekhnicheskoy propagandy im. Dzerzhinskogo (The Moscow House of Scientific and Technical Propaganda imeni Dzerzhinskiy) and Komitet standartov, mer i izmeritel'nykh priborov (The Committee of Standards, Measures and Measuring Devices). The purpose was to generalize the experience of sovnarkhozes, industry, and research institutes in specialization and cooperation in the machine-building industry and to convey this experience to the industry technicians. More than 300 delegates from organizations and plants were present and 18 reports were read on the problems of specialization and cooperation of the plants and the nor-

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Seminar "The Normalization and Specialization on Parts in Machine-Building".

malization of the most important machine component units and parts. The article briefly gives the contents of several reports. In the report by V.V. Tkachenko "On the Part of Standardization and Normalization in the Progress of Specialization and Cooperation in the Industry", it was said that about 250 standards for types and basic parameters of machines, apparatus and instruments are already in force and 200 more will be worked out in the course of several years. The parametrical standards will unify the machine components and create the prerequisites for the organization of specialized production. There exist three basic normalization trends: 1) General normalization i.e. of parts and component units of general use and of technologic equipment common for different industry branches; 2) Branch normalization, i.e. of equipment specific for separate industry branches; and 3) Plant (local) normalization

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limiting the number of types, dimensions and technical documents within single plants. Much work is yet ahead in the standardization of production process control systems, units and measuring components (pick-ups, transmitters, and servomechanisms). The extensive use of radio and electronic parts requires standardization of semiconductor diodes and triodes, resistances, small synthetic material capacitors, and miniature electronic tubes. Centralized production can be recommended for the following: 1) Torque transmitting parts and units (reducers, gears, keys, shafts, clutches, etc.); 2) Fasteners; 3) Pipe fittings, hydraulic and pneumatic drives and lubrication equipment; 4) Regulating equipment (brakes, springs); 5) Electric switches, protective devices, starters; 6) Radio equipment (capacitors, resistors, panels, transformers,

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electrovacuum tubes, etc.); 7) Instrument parts beginning with sensitive elements and ending with casings. The report by L.V. Kuznetsov, "The Tasks and the Most Important Work in the Field of Normalization of Machine Parts and Component Units", included the following facts. The specialization level in machine-building is still low. Only the most widely used standard tools are produced basically at specialized plants, but attachments, dies and other technological equipment are produced by every machine-building plant. The making of clutches, bearings and other common parts is not specialized. The goals set by the Seven-Year-Plan require standardized technical documents - "normali" they are a prerequisite of specialized production and cooperation. The development of the "mashinostroitel'-nyye normali" (or "MN")(machine-building standards); was organized in 1958 for the first time by the Committee

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of Standards, Measures and Measuring Devices. More than 200 are issued now. The normalization plans for the near future include mass production, which is already covered by standards but without fixed work dimensions. One example of normalization results is that the number of "type-sizes" of round rubber rings produced by only seven branches was 550 and has now been reduced to 94. The unification, normalization and standardization plan is completed for the chemical, petrochemical, petroleum refining and related industries. Of the most extensively used parts of materials-handling equipment, supporting rollers of band conveyers, plate-type conveyer chains, pulleys, tackles and stops are planned for normalization in 1960. The report by S.I. Semin, "Specialization and Cooperation in Machine-Building" outlined the general principles of the planned

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specialization and cooperation and the economic advantages of specialization, i.e. low production costs (20-30 times lower than at non-specialized plants). The cooperation is developing with the following trends: a) elimination of long-distance transportation and of unprofitable cooperation; b) more complete utilization of equipment at some plants to assist other plants; c) expansion of specialized workshops and plants equipped with modern techniques to supply their own economical administration region as well as the neighbouring regions; c) giving the local administrations and sov-narkhozes more authority for establishing cooperation between plants. In the report by G.I. Samborskiy, "Specialization - the Paramount Prerequisite of All-Embracing Mechanization and Automation of Production", a general outline of the specialization principles was made. He emphasized that automation requires a radical

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change of the existing technology and that a design plan for all parts and component units of automatic control devices ought to be developed without delay, and a catalog of automatic lines and devices already being produced should be published. He also stressed the importance of the production of normalized (standard) automatic equipment and of the "agregatnyy method" (replaceable units) that will cut to a minimum ✓ the time needed for changes for production of new designs. M.V. Gazaliyev - in his report on the economic effect of specialization for production of parts - spoke of the general principles of such specialization. He stressed the economic importance of specialization and mentioned the fact that there are now 1350 plants producing standard fasteners, but 18 only of them are specialized for this production. S.A. Tilles

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made a report "On the Technico-Economic Effect of Normalization", in which it was mentioned that VNIINMASH has developed and prepared for publication the rules for the calculation methods (selection of the optimum series and power exponents) with practical calculation examples and data facilitating the necessary calculation work. To determine the required normalization, a nomenclature of machine parts and component units is needed, and the Kafedra detaley mashin (The Machine Parts Chair) of Moskovskiy stankoinstrumental'nyy institut (Moscow Machine Tool and Tool Institute) developed such a nomenclature for 164 machines which are "characteristic" for different machine-building industry branches. So-called "economic characteristics" of technologic processes can be set up and the minimum production program can be determined (graphically or analytically) for which the application of a certain process variation would be expedient. The

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production zones could then be combined into groups in which the process variation is suitable. The following facts were stated in the report by Ye.S. Yampol'skiy, "Parts Specialization in the Moscow Sovnarkhoz". Thirty seven small plants producing fasteners have been closed in Moscow in the course of plant specialization since the second half of 1959; only two plants instead of the former 25 are producing metal electrodes; cutting tools will now be manufactured at only 4 plants instead of 58; and 3 plants will produce die blocks for 25 plants. Centralized production of drills, threading taps, milling cutters and threading dies is under preparation. "USP" (for Universal'no-Sbornyye Prisosobleniya, or "universal composite attachments") attachments are produced at a group of plants and used extensively at the Moscow

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plants. A number of mechanical repair shops of plants are specialized for manufacturing 25 spare parts for 26 types of the most common metal-cutting machines. Centralized production of forged and stamped general-use parts such as stepped shafts, arbors, eye bolts, clutches, bushings, is under preparation. Specialization for the production of gears is near completion. The present nomenclature of bevel gears and gears with hubs will be reduced by half, and the nomenclature of flat gears nine times. Automatic lines will be used for producing gears in large quantities. Apart from specialization for production of general-use parts, Mosgorsovnarkhoz (Moscow Sovnarkhoz) organizes specialization for parts within separate industries. One example is that the Avtozavod im. Likhacheva (Auto-mobile Plant imeni Likhachev) will obtain cardan shafts from a new plant. Rear axles, thin-wall bearing bush-

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ings and some other parts will be produced for the Plant imeni Likhachev by other, specialized, plants. Large specialization work is in progress at a group of Moscow machine tool plants. Central production will be organized for power heads, spindle boxes, rotary tables, welded machine beds, electric cabinets, etc. In the radio and instrument industry, parts and units have been normalized (made standard) and there are only 84 left (of the former 169). The production of these 84 items will be centralized. In the report by N.M. Belov, "Part Specialization in Machine-Building in the Sverdlovsk Economic Region" it was mentioned that the manufacturing of small metal products, electrodes, fittings, standard cutting tools, gear reducers, spare parts for drilling, mining and other equipment is being centralized. Only two plants, Atigskiy and Krasnoural'skiy, will make small metal

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products (instead of the present 46 plants). The first part of the Krasnoural'skiy Plant (bolt shop, pickling and drawing shop) started work in 1959. The automation abruptly raised the productivity and reduced the production costs. The estimated annual saving is 25.5 million rubles through the increase of productivity and 4.5 million through reduced consumption of metal. The making of fittings at 50 plants will stop. Standard fittings of malleable iron will be produced by one mechanical plant, with an annual output of 2000 tons. Presently, 124 plants are making cutting tools. They will be made by 14 plants in specially equipped shops. The annual saving expected from this measure is 30 million rubles. The Sovnarkhoz will continue the specialization and separate the making of parts and component units not suitable for some plants into independent separate enterprises. Uneco-

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nomical cooperation of plants will be liquidated by finding internal production possibilities at the plants and intensive standardization and normalization. A.V. Dello, in his report "Organization of Standardization and Normalization Work for Pipe Fittings", stated the following. Of the total produced in 1959, 73.6% of types and parameters were standardized. It is planned to issue 42 new standards and revise 5 during the period 1959-1965. Standards for the normal series of the basic pipe fittings are of particular importance as they are produced by more than 100 plants in different regions of the USSR. In 1960, standards have to be worked out for steel flange valves for a pressure of 40 kg/cm² and a 40-200 mm diameter, cast iron parallel gate valves with fixed spindle, etc. Development of 10 "normal" standards is envisaged by the plan of

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"interbranch normalization" for water main fittings. At the present time, there is one only interbranch "normal" for fittings - "Fittings, Pipeline. Classification of Fittings by the Tightness of Sealing". There are 205 "otraslevyye normali" ("branch normal's") Developments of "normals" for 24 themes is planned for the period 1959-1965. ✓

14/14

SAMBORSKIY, G.I.; KANEVSKAYA, T.M., red.; GKRASIMOVA, Ye.S., tekhn.red.

[Concise handbook on the seven-year plan of the U.S.S.R.]
Kratkii spravochnik o semiletнем плане SSSR. Moskva, Gos-
planizdat, 1960. 128 p. (MIRA 13:2)
(Russia--Economic policy)

SAMBCRSKIY, G.

In the Economics Research Institute of the U.S.S.R. State
Economic Council. Vop. ekon. no.8:158-160 Ag '61. (MIRA 14:7)
(Economic research) (Russia--Economic policy)

GONCHARENKO, B.L., red.; PETRUSHIN, M.I., kand. ekonom. nauk, red.;
SAMBORSKIY, G.I., kand. ekon. nauk, red.; TOLKACHEV, A.S.,
kand. ekon. nauk, red.; TOMLENOVA, A.K., red.; PONOMAREVA,
A.A., tekhn. red.

[Continuity in planning and state plan indices] Npreryv-
nost' v planirovani i pokazateli gosudarstvennogo plana.
Pod red. B.L.Goncharenko i dr. Moskva, Izd-vo ekon.lit-ry,
1962. 439 p. (MIRA 15:8)

1. Moscow. Nauchno-issledovatel'skiy ekonomicheskii institut.
2. Nauchno-issledovatel'skiy ekonomichskiy institut Gosudar-
stvennogo nauchno-ekonomicheskogo soveta Soveta Ministrov
SSSR (for Petrushin, Samborskiy, Tolkachev).
(Russia--Economic policy) (Index numbers (Economics))

SAMBORSKIY, G.I.; KRASIL'NIKOVA, M.I.; SMIRNOV, Ye.I., red.;
GERASIMOVA, Ye.S., tekhn. red.

[Twenty years in figures: from socialist economy to communist; brief manual] Dvadtsatiletie v tsifrakh: ot sotsialisticheskoi ekonomiki k kommunisticheskoi; kratkii spravochnik. (MIRA 16:3)
Moskva, Ekonomizdat, 1963. 119 p.
(Russia--Economic conditions)

~~SANBORSKIY, Georgiy Ivanovich; FOMICHEV, Viktor Ivanovich;~~
KOGAN, Ye.L., red.

[Use of synthetic materials in industry] Sinteticheskie
materialy - v promyshlennost'. Moskva, Izd-vo "Znanie,"
1964. 31 p. (Novoe v zhizni, nauke, tekhnike. III Seriya:
Ekonomika, no.15) (MIRA 17:8)

SAMBORSKIY, Georgiy Ivanovich; LEFNIKOVA, Ye., red.; KOKOSHKINA, I.,
~~mlad. red.~~

[Automation and specialization in U.S.S.R. industry] Avto-
matizatsiia i spetsializatsiia v promyshlennosti SSSR. Mo-
skva, Mysl', 1964. 214 p. (MIRA 18:1)

SAMBORSKIY, I. V.

DM
Cation-exchange substances. M. V. Vitikh, I. V. Samborskiy, F. T. Shostak, and A. B. Pashkov. U.S.S.R. 195:217, Mar. 25, 1957. A cation-exchange substance is obtained by sulfonation of polystyrene. The latter is dissolved, e.g. in dichloroethane, the win is heated in the presence of $AlCl_3$, and the process is finished in the usual way. M. Hosh

SAMBORSKIY, I.V.; NEYFEL'D, E. I.

Refractometric determination of the concentration of "OP".
Zav.lab. 27 no.2:182 '61. (MIRA 14:3)

1. Nizhne-Tagil'skoye otdeleniye nauchno-issledovatel'skogo
instituta plasticheskikh mass.
(Refractometry)

ACCESSION NR: AT4042427

S/0000/63/000/000/0094/0095

AUTHOR: Samborskiy, I. V.; Vittikh, M. V.

TITLE: Accelerating the process of preparation of polyethylenepolyamines

SOURCE: Respublikanskoye nauchno-tekhnicheskoye soveshchaniye po ionnomu obmenu. Alma-Ata, 1962. Teoriya i praktika ionnogo obmena (Theory and practice of ion exchange); trudy* soveshchaniya. Alma-Ata, Izd-vo AN KazSSR, 1963, 94-95

TOPIC TAGS: polyethylenepolyamine, resin, ion exchange resin, resin AN-2F, ethylenediamine, diethylenetriamine

ABSTRACT: The synthesis of a low-base anion exchange resin, AN-2F, was modified by reacting dichloroethane with gaseous ammonia in the presence of water, rather than in aqueous ammonia solution. The proportion of water in the mixture is reduced from 125% to 40% of the amount of reacting dichloroethane, and the temperature of the mixture, preheated to 110-115C, is maintained at 120-125C by the heat of reaction, varying the rate of ammonia supply. This technique permits simplification and reduction of the costs of the current AN-2F polyethylenepolyamine technology by eliminating two steps from the process: the preparation of the hydrochlorides of the polyethylenepolyamines, and decomposition of the hydrochlorides to yield the free bases. Small amounts of the light fractions of poly-

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ACCESSION NR: AT4042427

ethylenepolyamines, such as ethylenediamine and diethylenetriamine, do not impair the properties of the AN-2F. The product obtained by the proposed method is in no way inferior to the product of the current technology.

ASSOCIATION: Institut khimicheskikh nauk AN KazSSR (Institute of Chemical Sciences, AN KazSSR); Nizhnetagil'skiy filial NIIPM (Nizhnetagil'sk Branch of the NIIPM)

SUBMITTED: 13Nov63

ENCL: 00

SUB CODE: OC

NO REF SOV: 003

OTHER: 000

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Card

ACCESSION NR: AT4042428

S/0000/63/000/000/0096/0098

AUTHOR: Samborskiy, I. V.

TITLE: Fortifying ion exchange resins of the phenol-formaldehyde type

SOURCE: Respublikanskoye nauchno-tekhnicheskoye soveshchaniye po ionnomu obmenu. Alma-Ata, 1962. Teoriya i praktika ionnogo obmena. (Theory and practice of ion exchange); trudy* soveshchaniya. Alma-Ata, Izd-vo AN KazSSR, 1963, 96-98

TOPIC TAGS: resin, ion exchange resin, phenol formaldehyde resin, resin strength, condensation catalyst, resin swelling, polyethylenepolyamine

ABSTRACT: In order to make more effective use of the reactivity of the system during the condensation of phenol and formaldehyde in acid media, polyethylene-polyamines, ethylenediamine, pyridine and pyridine bases, 20% aqueous ammonia, urea, aqueous solutions of potassium and sodium carbonates and bicarbonates, and sodium hydroxide were investigated as catalysts in an attempt to improve the mechanical properties of the AN-2F, AN-2FG, AN-9, KU-1, and KU-1G ion exchange resins. Apart from sodium hydroxide, all were found to be suitable for the purpose. By changing the temperature (50-110C) and duration of the treatment (1-6 hrs.), the swelling ability of the resins and the ability to retain moisture can be controlled. Using these catalysts, the new anion exchange resins AN-2U, AN-2E,

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ACCESSION NR: AT4042428

AN-2P, and AB-34, with markedly improved mechanical, chemical and physical properties, were obtained by the condensation of polyethylenepolyamines, phenol and formaldehyde in the presence of hydrochloric acid. Orig. art. has: 1 table.

ASSOCIATION: Nizhnetagil'skiy filial NIIPM (Nizhnetagil'sk Branch of the NIIPM)

SUBMITTED: 13Nov63

ENCL: 00

SUB CODE: OC, MT

NO REF SOV: 000

OTHER: 000

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Card

PC-4 RWH/RM

24
6/15/66

Samborovskiy, I. V.; Pashkov, A. B.; Saldaeva, A. M.; Oranov, L. L.

Samborovskiy, I. V.; Pashkov, A. B.; Oranov, L. L.; Saldaeva, A. M.

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 10, 1966, 10

TOPIC TAGS: ion exchanger, chemical production, filler, cotton, fiber

ABSTRACT: This Author Certificate presents a method for producing ion exchangers by mixing (in a determined order) the combined components, heating, holding, cooling, and consolidating the reactive mass, which is finally crumbled and dried. To improve the mechanical, filtering, and absorption properties of the exchangers, a fibrous filler, such as cotton floss, is introduced into the reactive mixture before drying.

Author: Samborovskiy, I. V.; Pashkov, A. B.; Oranov, L. L.; Saldaeva, A. M. (Scientific Institute of Chemistry)

UNCLASSIFIED

ENCL: 00

SUB CODE: 00

NO REF SOV: 000

OTHER: 000

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ACC NR: AP70001407

A)

SOURCE CODE: UR/0413/66/000/021/0109/0109

INVENTOR: Chetverikov, A. F.; Pashkov, A. B.; Samborskiy, I. V.; Grachev, L. L.

ORG: none

TITLE: Preparative method for polymers containing anthraquinone redox groups.
Class 39, No. 187999 [announced by Scientific Research Institute of Plastics
(Nauchno-issledovatel'skiy institut plasticheskikh mass)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 21, 1966, 109

TOPIC TAGS: redox polymer, polyvinylathraquinone, *styrene, quinone,*
sulfuric acid

ABSTRACT: An Author Certificate has been issued for a preparative method for polymers containing anthraquinone redox groups, based on styrene and divinylbenzene. A styrene-divinylbenzene copolymer is treated with phthalic anhydride in an inert solvent in the presence of an excess of aluminum chloride, and the resulting polyvinylbenzoylbenzoic acid is converted to polyvinylathraquinone by treatment with concentrated sulfuric acid or oleum. [SM]

SUB CODE: 07, 11/ SUBM DATE: 13Mar65/ ATD PRESS: 5109

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UDC: 661.183.123.2:678.746.22-136.662-9:547.673.1

S.A.M. BORSKIY, N.A.

3(5) **PHASE I BOOK EXPLOITATION** **SOV/2692**
 Vnesnyuznyy nauchno-issledovatel'skiy geologorazvedochnyy naftnyy institut
 Toproyny polskoy, razvedki i dobychi nefli i gaza na territorii USSR; doklady na
 vyssheyey sessii uchenykh sovetov VNIIMI i VNIIL, probhodivshey v g. L'vove
 v mays 1957 g. (Problems in the Exploration and Production of Oil and Gas
 in the Ukrainian SSR); Reports Presented at a Session of the Scientific Councils
 of the All-Union Petroleum Scientific Research Institute for Geological
 Survey and the All-Union Scientific Research Institute, in Lvov, May 1957)
 Moscow, Gospetrolizdat, 1959. 252 p. 1,000 copies printed.

Additional Sponsoring Agency: USSR. Ministerstvo geologii i obratnyy nezdr.
 M.S. I. G. Baranov, V. V. Glushko, and A. S. Murontsev; Executive Eds.:
 S. M. Yungas, and A. I. Zaretskiy; Tech Ed.: I. O. Fedotova.

PURPOSE: This book is intended for petroleum geologists and Ukrainian area
 specialists.

COVERAGE: This book contains 27 reports originally read at a meeting of the
 scientific councils of the VNIIMI (All-Union Petroleum Scientific Research
 Institute for Geological Survey), the VNIIL (All-Union Petroleum Scientific
 Institute), the VNIIG (All-Union Geological Institute), and the VNIIN (All-Union
 Institute for the Study of the Geology of the USSR) held in Lvov in May, 1957. The
 reports deal with the petroleum geology of the Dnepr-Donets depression, the
 Carpathians, Ciscarpathia, the southwestern fringes of the Russian Platform,
 and the northern Black Sea area. Particular attention is given to describ-
 ing the geological features of those regions most likely to bear oil. Other
 articles discuss oil production techniques and ways of increasing drilling
 speed in deep wells. No personalities are mentioned. References accompany
 individual articles.

Lugovskiy, H. A. Methods and Results of Geological Prospecting for Oil and Gas in the Western Regions of the USSR (1945-1956)	33
Antipov, V. I. Geological Results of Geophysical Surveys in Pred- karskiya (Ciscarpathia) and Within the Southwestern Rim of the Russian Platform	46
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PASHKEVICH, Ye.I.; PISTRAK, R.M.; SAMBORSKIY, N.A.

Devonian stratigraphy of the southern marginal zone of the
Dnieper-Donets Lowland. Trudy VNIIGAZ no.7:3-35 '59. (MIRA 13:5)

(Dnieper Lowland--Geology, Stratigraphic)
(Donets Basin--Geology, Stratigraphic)

SAMBORSKIY, N.A.; DENISOV, Yu.M.

Using data from seismic prospecting in a paleotectonic analysis.
Neft. i gaz. prom. no.2:19-22 Ap-Je '63.

(MIRA 17:11)

1. Trest "Poltavaneftegazrazvedka".

KLITICHENKO, I.F.; SAMBORSKIY, N.A.

New data on box folds in the Dnieper-Donets Lowland. Geol.
nefti i gaza 7 no.8:30-35 Ag '63. (MIRA 16:10)

1. Trest Poltavanefttegazrazvedka.

SAMBORSKIY, V.
SAMBORSKIY, V.

Using equipment under winter conditions. Grazhd. av. 15 no.1;22-24
Ja '58. (MIRA 11:2)

1. Glavnyy inzhener Severnogo territorial'nogo upravleniya
Grazhdanskogo vozdušnogo flota.
(Airplanes--Cold weather operation)

BONDARENKO, V., serzhant; CHUPRINA, V., starshina sverkhrochnoy sluzhby;
SAMBORSKIY, Ye., yefreytor

We continue our discussion about culture. Starsh.-serzh. no.3:76
Mr '62. (MIRA 15:4)

(Military discipline)

SAMBRAILO, P. B.

Yugoslavia (430)

Agriculture-Plant and Animal Industry

International Sports Fishing Confederation. p. 74. MORSKO RIBARSTVO. Vol. 4,
no. 5, 1952.

East European Accessions List. Library of Congress, Vol. 2, no. 3,
March 1953.

UNCLASSIFIED.

VOLKOV, B.A.; GOLOVNEV, V.M.; YASHUMOV, V.N.; SAMBUK, F.I., red.;
SHIPKO, A.I., red.; MOROZOVA, Ye., red.; VARENIKOVA, V.,
tekhn. red.; STEPANOVA, N., tekhn. red.

[Soviet worker's manual] Spravochnik sovetskogo rabotnika.
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ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

GROUP NO. 10

CLASSIFICATION

GROUP NO. 10

CA

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SECRET

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Antioy, I.N.	"Improvement of Solonetz in the	Institute of Soils imeni V. V.
Filippova, N.	SSR"	Ekuchayev, Academy of Sciences
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80: W-30604, 7 July 1954

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20 sm. (O-vo po rasprostraneniyu polit. i nauch. znaniy ver. ssr.) 6.500 ekz.
60 k. - Na ver. yaz. - (54-57837) 631.452(47.71)

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